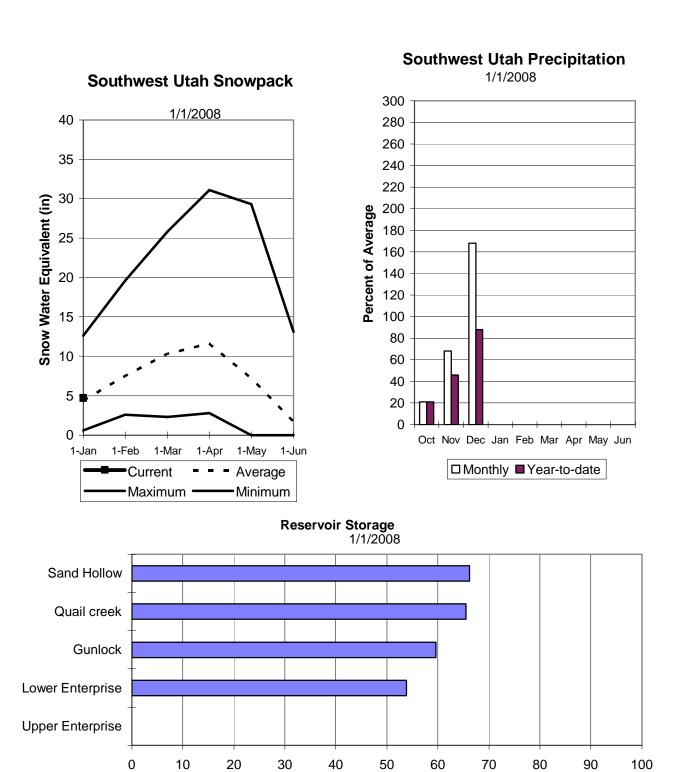
## E. Garfield, Kane, Washington, & Iron Co. January 1, 2008

Snowpacks in this region are near normal at 106% of average, which is 126% of last year. Individual sites range from 48% to 194% of average. Precipitation in the month of December was much above average at 171%, bringing the seasonal accumulation (Oct-Dec) to 89% of average. Soil moisture estimates in runoff producing areas are at 36% of saturation in the upper 2 feet of soil compared to 33% last year. Forecast streamflows range from 87% to 98% of average. Reservoir storage is at 59% of capacity, 17% less than last year. The Surface Water Supply Index is at 76%, indicating above normal water supply conditions.



**Percent Capacity** 

## E. GARFIELD, KANE, WASHINGTON, & IRON Co. Streamflow Forecasts - January 1, 2008

<<====== Drier ====== Future Conditions ======= Wetter ====>> Forecast Point ========== Chance Of Exceeding \* ============ Forecast 90% 70% 50% 30% 10% 30 -Yr Avg. Period (1000AF) (1000AF) (1000AF) (% AVG.) (1000AF) (1000AF) | (1000AF) \_\_\_\_\_ \_\_\_\_\_\_ Lake Powell Inflow (2) 4398 6542 8000 101 9458 7930 APR -JUL 11602 Virgin River at Virgin APR -JUL 33 49 63 98 78 103 64 47 69 Virgin River nr Hurricane APR -JUL 27 64 93 84 117 Santa Clara River nr Pine Valley APR -JUL 1.59 3.30 4.80 87 6.60 9.70 5.50 Coal Creek nr Cedar City APR -JUL 8.1 13.5 18.0 93 23 32 19.3

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E. GARFIELD, KANE, WASHINGTON, & IRON Co. Reservoir Storage (1000 AF) - End of December					E. G ARFIELD, KANE, WASHINGTON, & IRON Co.   Watershed Snowpack Analysis - January 1, 2008			
Reservoir	Usable Capacity		able Stora Last Year	ge *** Avg	Watershed	Number of a Sites		r as % of  Average
GUNLOCK	10.4	6.2	9.0	5.7	VIRGIN RIVER	5	148	120
LAKE POWELL	24322.0	11264.0	12103.0		PAROWAN	2	116	98
QUAIL CREEK	40.0	26.2	28.0	23.9	ENTERPRISE TO NEW HARMON	7 2	158	106
UPPER ENTERPRISE	10.0	0.0	4.0		COAL CREEK	2	114	97
LOWER ENTERPRISE	2.6	1.4	2.3	26.7	ESCALANTE RIVER	2	77	60
					E. GARFIELD, KANE, WASHIN	9	130	106
					*************	85	107	90

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971 - 2000 base period.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.